
Version With Markings to Show Changes Made

Amendments in the Specification:

In accordance with 37 CFR 1.121(c), the following replacement paragraphs show all the changes made by the foregoing amendment relative to the previous version of the paragraphs.

Page 1, 1st Paragraph:

The invention concerns a procedure and equipment for improving audio quality in a mobile radio network [according to the characterizing clause of the patent claims 1].

Page 2, 5th Paragraph:

Together with the end device, a tone control is configured into one of the audio paths so that it, for example, increases the level with a particularly muffled sounding device. In a further development of the invention, it is provided that the influence of the audio quality is different in the connection direction from the calling user to the called user and from the called user to the calling user.

Amendments in the Claims:

In accordance with 37 CFR 1.121(c), the following versions of the claims as rewritten by the foregoing amendment show all the changes made relative to the previous versions of the claims.

1. (amended) Procedure to improve the audio quality in a mobile radio network, [is characterized by the tone control (7) that is switched into one of the communication connections corresponding audio paths (10), that, in dependence on the connection of the end device being used, influences the audio quality in the audio path (10)] with which a tone control (7) that is switched into one of the communication connection's corresponding audio paths (10), that, dependent upon the types of end device(s) or equipment being used in the connection, influences the audio quality in the audio path (10), in that the sound in the audio path is changed.

3. (twice amended) Procedure, according to [Claims 1 or 2] claim 2, is characterized by the base station control (3), as well as the mobile switching center (5), that determines the end device type (s) (1) by query of the mobile equipment identification and assigns to the appropriate end device type corresponding pre-determined parameters, which serve to adjust the tone control.

4. (twice amended) Procedure according to [one of the Claims 1 – 3] claim 3, is characterized by the parameters that are stored for all marketable mobile radio device and equipment (1) in a data storage (6) (memory) and can be recalled when needed.

5. (twice amended) Procedure, according to [one of the Claims 1 – 4] claim 4, is characterized by the fact that stored parameters of the tone control (7) of the corresponding audio path are configured based on the type of end device (1).

6. (twice amended) Procedure, according to [one of the Claims 1 – 5] claim 5, is characterized by the parameters that are transferred by one of the mobile switching centers (5) or another network component supplied control signal.(8) to the tone control (7).

7. (twice amended) Procedure, according to [one of the Claims 1 – 6] claim 6, is characterized by the tone control (7) that is switched into the audio path (10) in the area of the mobile switching center (5) or the base station control (3).

8. (twice amended) Procedure, according to [one of the Claims 1 – 6] claim 6, is characterized by the tone control (7) that is switched into the audio path (10) in the area of the code conversion equipment (Transcoder/Rate Adaption Unit) (4).

9. (twice amended) Procedure, according to [one of the Claims 1 – 8] claim 8, is characterized by the tone control that is adjusted dependent upon the users' individual features.

10. (twice amended) [Equipment to complete the procedure, according to claim 9, is characterized by a tone control (7) that is switched into by one of the corresponding audio paths in a communication connection] Devices or equipment to complete the procedure, according to claim 9, encompassing a tone control (7) that is switched into a communication connection's audio path.

13. (twice amended) Equipment, according to [one of the Claims 10 – 12] claim 10, is characterized by the tone control (7) that is part of the code conversion equipment (Transcoder/Rate Adaption Unit) (4).

14. (twice amended) Equipment , according to [one of the Claims 10 – 12] claim 10, is characterized by the tone control (7) that is connected or switched before or after the code conversion device (Transcoder/Rate Adaption Unit) (4).

15. (twice amended) Equipment, according to [one of the Claims 10 – 14] claim 10, is characterized by the tone control (7) that includes a multiplicity of tone control units, which correspond in each case to an audio path (10).

Respectfully submitted,

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